SEQUENCE LISTING

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      Turner, Andrew J.
      Sadeghi, Homa
      Prior, Christopher P.
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Cys Leu Leu Pro Lys Leu Asp Glu Leu Arg Asp Glu Gly Lys Ala Ser 180 185 190

Ser Ala Lys Gln Arg Leu Lys Cys Ala Ser Leu Gln Lys Phe Gly Glu 195 200 205

Arg Ala Phe Lys Ala Trp Ala Val Ala Arg Leu Ser Gln Arg Phe Pro 210 215 220

Lys Ala Glu Phe Ala Glu Val Ser Lys Leu Val Thr Asp Leu Thr Lys 225 230 235 240

Val His Thr Glu Cys Cys His Gly Asp Leu Leu Glu Cys Ala Asp Asp 245 250 255

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fusion protein in which the albumin moiety is c-terminal of the Therapeutic Protein

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  <210> 33
  <211> 55
  <212> DNA
  <213> Artificial Sequence
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  <221> primer_bind
  <223> reverse primer useful for inserting Therapeutic
  protein into pC4:HSA vector
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   <222> (38)
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<210> 36

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                                                                   55
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                                     10
 1
Ala
<210> 35
<211> 22
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Met Pro Thr Trp Ala Trp Trp Leu Phe Leu Val Leu Leu Leu Ala Leu
  1
                  5
                                     10
Trp Ala Pro Ala Arg Gly
             20
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<212> PRT

<213> Agkistrodon piscivorus

<400> 36

Ile Thr Tyr Thr Asp Cys Thr Glu Ser Gly Gln Asn Leu Cys Leu Cys 1 5 10 15

Glu Gly Ser Asn Val Cys Gly Lys Gly Asn Lys Cys Ile Leu Gly Ser 20 25 30

Gln Gly Lys Asp Asn Gln Cys Val Thr Gly Glu Gly Thr Pro Lys Pro $35 \ \ 40 \ \ 45$

Gln Ser His Asn Gln Gly Asp Phe Glu Pro Ile Pro Glu Asp Ala Tyr 50 55 60

Asp Glu 65

<210> 37

<211> 71

<212> PRT

<213> Agkistrodon piscivorus

<400> 37

Glu Ala Gly Glu Glu Cys Asp Cys Gly Ser Pro Glu As
n Pro Cys Cys 1 $$ 5 $$ 10 $$ 15

Asp Ala Ala Thr Cys Lys Leu Arg Pro Gly Ala Gln Cys Ala Glu Gly 20 25 30

Leu Cys Cys Asp Gln Cys Lys Phe Met Lys Glu Gly Thr Val Cys Arg
35 40 45

Ala Arg Gly Asp Asp Val Asn Asp Tyr Cys Asn Gly Ile Ser Ala Gly 50 55 60

Cys Pro Arg Asn Pro Phe His 65 70